

Creating an Image Map

Chapter 5 HTML

2013

Chapter Objectives

- Define terms relating to image mapping
- List the differences between server-side and client-side image maps
- Name the two components of an image map and describe the steps to implement an image map
- Distinguish between appropriate and inappropriate images for mapping
- Sketch hotspots on an image

Chapter Objectives

- Describe how the x- and y-coordinates relate to vertical and horizontal alignment
- Open an image in Paint and use Paint to map the coordinates
- Create the home page and additional Web pages
- Create a table, insert an image into a table, and use the usemap attribute to define an image map

Chapter Objectives

- Add text to a table cell and create a horizontal menu bar with text links
- Use the `<map>` `</map>` tags to start and end a map
- Use the `<area>` tag to indicate the shape, coordinates, and URL for a mapped area
- Change link colors

Chapter 5 Lesson 1

- Image maps are used frequently for Web site navigation
- When an image is used as a link, the entire image becomes a clickable element.
- The W3C validator allows you to test your Web page HTML and clearly explains any errors you have.
- Using text links in conjunction with the image map ensures that the user can navigate to other Web pages even if they have images turned off
- Use the `<map>` `</map>` tags to start and end a map

Chapter 5 Lesson 1 (Cont.)

- You always need to use text links in addition to image maps
- An image map button bar is a menu that uses graphical images.
- In a server side map, the image is displayed by the client (browser).
- When using a server side image map, the image is displayed by the browser and implemented by a program on the Web server.
- A good choice for an image mape is an image with obvious image sections.

Assignment for Chapter 5 Lesson 1

- Copy and Paste all Chapter 5 Templates to a new folder in your Persistent storage or on your thumbdrive.
- Open Paint
 - Open Southwest Image out of you Chapter 5 Folder.
 - Pages 216 -221 in Chapter 5 Packet.

Client-Side and Server-Side

- Client-Side – the browser does all the work (doesn't have to send the x and y coordinates to the web server with mouse click)
- Server-Side – The image is displayed by the client (browser) and implemented by a program that runs on the Web server. (when click the x and y coordinates are sent to the Web Server)

X and Y coordinates

- Coordinate Pair – is the x coordinate and the second number is the y coordinate.
- <area> - defines the specific areas of the map and the links and anchors for those areas. The x and y coordinates for each map area are inserted into the <area> tag with coords attribute, within quotation marks and separated by commas.

Table 5-4

Tag	Attribute	Function
	usemap	Indicates the URL of a client-side image map
	ismap	Indicates a server-side image map

Table 5-7

<code><map></map></code>		Creates a client-side image map
	Name	Defines the Maps Name
<code><area></code>		Defines clickable areas within a <code><map></code> element, as well as links and anchors
	Shape	Indicates the shape of the map area; possible values are rect, poly, and circle
	coords	Indicates the x- and y- coordinates of the points bounding the map area
	href	Indicates the link (URL) used for a map area
	alt	Indicates the alternate text for the image

Example

- ``
- `<map name="_____ " id="_____ ">`
- `<area shape="circle" coords="125,136,185,146,200,263,190,362" href="hello.html" alt="hello shape" />`

Assignment for 1-8-12

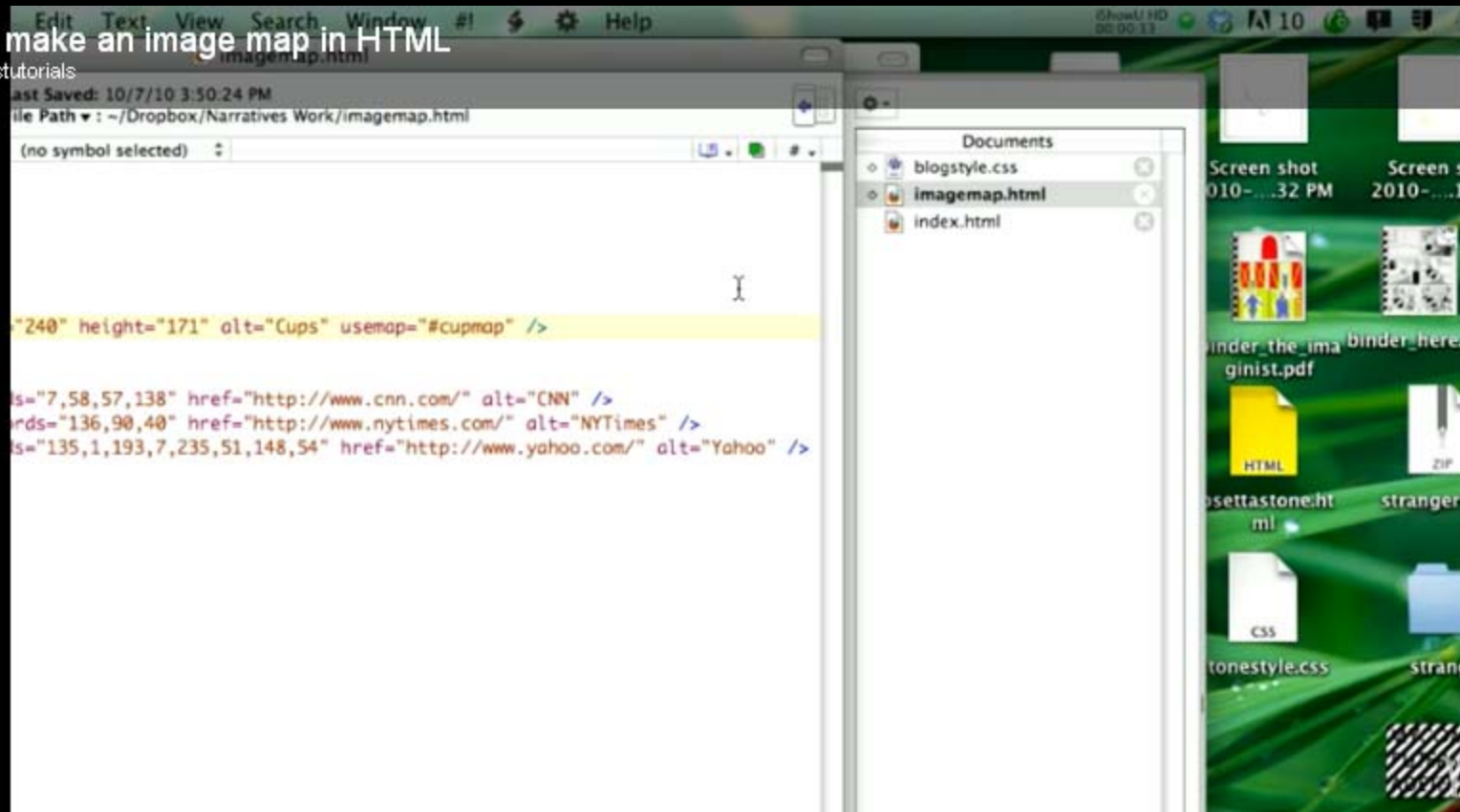
- Pages 223 – 232
- Document will be saved as southwest.html in your chapter 5 folder.
- Validate southwest.html at validator.w3.org

Shapes

- Rectangle – use the coordinates of the top-left and the bottom-right corners.
- Circle – use the center point and the radius of the coordinates
- Polygon – use the coordinates for each corner of the shape

Image Mapping

How to make an image map in HTML
by digitalartstutorials



<http://www.youtube.com/v/YkdWRBL2BsM>

Image mapping your YouTube banner

How To Series - How To: How Too Image Map!
by xBOURZ



You

http://www.youtube.com/v/aQil_s800wk

Assignment for 1-9-12

- Validate southwest.html if you did not get to yesterday.
- Then complete pages 236-243 and save as arizona.html
- Validate arizona.html
- Take your Chapter 5 Quizzes!